BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8

First & Final Bill

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 197564

Serial No. BR-346/31 of 14

Name of work providing metalling and Asphalting to 4th block Doddabommasandra and Surrounding roads of Venugopalswamy temple in ward No-10. From To

Name of Contractor of nature of Agency Sri. A. Govindan.

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work code No:	010-12-000002.					
	Agreement No: 250 Dated 21-01-2013.						
	Work order No: EE/BBMP/BTP/E-TND/259/2012-13. Date 21-01-2013.						
	Address of Agency: #75, 1st Main, Akshayanagara, Attur layout Yelahanka, new town bangalore-106.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement recorded on 01-3-2013						
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification						
	from D.B. Sandra	L	30.00	0.45	0.45 =	6.08 Cum	
	School to Bajavanna	L	30.00	0.45	0.35 =	4.73 Cum	
	Temple	L	9.00	0.45	0.40 =	1.62 Cum	
	Venugopal Swamy	L	30.00	0.45	0.25 =	3.38 Cum	
	Temple Main Road	L	30.00	0.45	0.40 =	5.40 Cum	
		L	30.00	0.45	0.35 =	4.73 Cum	
		L	30.00	0.45	0.45 =	6.08 Cum	
		L	15.00	0.45	0.35 =	2.36 Cum	
	from Venugopal Swamy Temple to BEL compound Road	L	30.00	0.45	0.45 =	6.08 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
	cross Road	

OOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
013			
ards in ordinary soil involving an ors and an average lift upto 0.5m neatly dressed the disposed earth g of clods complete as per specification			
45	0.45 =	6.08 Cum	
45	0.35 =	4.73 Cum	
45	0.40 =	1.62 Cum	
45	0.25 =	3.38 Cum	
45	0.40 =	5.40 Cum	
45	0.35 =	4.73 Cum	
45	0.45 =	6.08 Cum	
45	0.35 =	2.36 Cum	
45	0.45 =	6.08 Cum	

C&Fc

M.A.R. 57 (Rule 116)

Measurement Book No. C/09 197565

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.45	0.30 =	4.05 Cum	
		1	30.00	0.45	0.45 =	6.08 Cum	
		1	30.00	0.45	0.30 =	4.05 Cum	
		1	30.00	0.45	0.45 =	6.08 Cum	
		1	30.00	0.45	0.45 =	6.08 Cum	
		1	30.00	0.45	0.45 =	6.08 Cum	
		1	14.00	0.45	0.30 =	1.89 Cum	
	Cross Road	1	30.00	0.45	0.45 =	6.08 Cum	
		1	30.00	0.45	0.35 =	4.73 Cum	
		1	30.00	0.45	0.45 =	6.08 Cum	
		1	30.00	0.45	0.30 =	4.05 Cum	
		1	30.00	0.45	0.40 =	5.40 Cum	
		1	30.00	0.45	0.35 =	4.73 Cum	

C&Fc

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) providing and applying tack coat on granular base such as WBM and WMM surface hot bitumen primed at 4kg per 10Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour complete as per specifications.						
	Qty vide Item no- 02					= 3604.50Sqm	
	@ RS 27.95						RS 100746.00
	6) providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 750mt per HMP producing an average grading premixed with bituminous binder at 4% to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment rolling with						

Serial No.....

Name of work.....

Name of Contractor of nature

Date of commencement of w

Date	Full description, etc, of
1	2
	Smooth wheeled compaction of
	from D.B.Sara
	to Bejavanne Te
	Venugopal Swa Temple road

Depth 6	Contents 7	Reference to last Measurement 8
...ular base such as WBM and ...4kg per 10Sqm, heating bituminous ...uding cleaning of road surface ...mplete as per specifications.		
	= 3604.50Sqm	
	Rs 100746.00	
...row concrete 25mm thick with ...g an average output of 75tons ... premixed with bitumen ...w, transporting the hot mix to ...aver finisher with sensor ...d alignment rolling with		

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 197571

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Smooth wheeled vibratory and tandem roller to achieve the desired compaction as per specifications.						
	from D.B. Sandra to Bajavanna Temple	1	30.00	(9.0+8.70)/2	0.025	= 6.64 Cum	
		1	30.00	(8.7+7.60)/2	0.025	= 6.11 Cum	
	Venugopal Swamy Temple road	1	9.00	(7.60+7.80)/2	0.025	= 1.73 Cum	
		1	30.00	(5.4+5.0)/2	0.025	= 3.90 Cum	
		1	30.00	(5.0+4.70)/2	0.025	= 3.64 Cum	
		1	30.00	(4.7+4.50)/2	0.025	= 3.45 Cum	
		1	30.00	(4.5+4.40)/2	0.025	= 3.34 Cum	

CIFc ?

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	From Venugopal Swamy Temple to BEL Compound Road	1	15.00	(4.4+4.30)/2	0.025 =	1.634 cum	
		1	30.00	(5.20+4.10)/2	0.025 =	3.449 cum	
		1	30.00	(4.10+4.40)/2	0.025 =	3.19 cum	
		1	30.00	(4.4+4.40)/2	0.025 =	3.30 cum	
		1	30.00	(4.4+4.50)/2	0.025 =	3.34 cum	
		1	30.00	(4.5+3.90)/2	0.025 =	3.15 cum	
		1	30.00	(3.9+4.30)/2	0.025 =	3.08 cum	
		1	14.00	(4.3+4.80)/2	0.025 =	1.59 cum	
	Cross Road	1	30.00	(6.5+6.30)/2	0.025 =	4.80 cum	
		1	30.00	(6.3+6.0)/2	0.025 =	4.61 cum	
		1	30.00	(6.0+6.15)/2	0.025 =	4.54 cum	

C/F

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2

C/F

30/3/2013

A.E.(W

OOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8
4.30)	0.025 =	1.63 Cum	
4.10)	0.025 =	3.49 Cum	
4.40)	0.025 =	3.69 Cum	
4.40)	0.025 =	3.30 Cum	
4.50)	0.025 =	3.34 Cum	
3.90)	0.025 =	3.15 Cum	
4.30)	0.025 =	3.08 Cum	
4.80)	0.025 =	1.59 Cum	
3.30)	0.025 =	4.80 Cum	
6.0)	0.025 =	4.61 Cum	
6.10)	0.025 =	4.54 Cum	

C & Fc

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 197572

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	(6.10+6.0)/2	0.025 =	4.54 Cum	
		1	30.00	(6.0+6.20)/2	0.025 =	4.58 Cum	
		1	30.00	(6.20+6.10)/2	0.025 =	4.61 Cum	
		1	30.00	(6.10+6.0)/2	0.025 =	4.54 Cum	
		1	30.00	(6.0+6.0)/2	0.025 =	4.50 Cum	
		1	15.00	(6.0+6.20)/2	0.025 =	2.29 Cum	
					Total =	90.57 Cum	
					Qty limited to Tender =	90.11 Cum	

C & Fc

C & FC

30/3/2013

E.E. (W.S.)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		@ RS 9492.30				RS	855351.00
						Total RS	1823815.00
							Jadhav AE 30/3/2013

Certificate;

certified that the above work done Satisfactory and no materials issued from departmentally

Jadhav
AE 30/3/2013

30/3/13

30/3/13

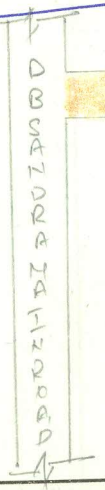
Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Sketch Showing



Jadhav
AE 30/

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions					Reference to last measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					IT - 18238 -		
					VAT - 72951 -		
					FSD - 109426 -		
					WC - 18238 -		
					CGF - 1824 -		
					Roy - 68125 -		
					Fire - 500 -		
					Total - 289302=00		

1823730=00
289302=00
1534468=00

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	